

16. (New) A method according to claim 15, further comprising changing the position of the first part of the display element on the display element.

REMARKS

Claims 1-7, and 9-11 remain in the application. Claim 8 has been cancelled and claims 12-16 are newly added.

Claims 1, 3 and 11 have been amended to clarify the features of the invention. Support for the amendments may be found, for example, in the specification on page 3, lines 18-25, page 6, lines 11-16, and page 7, lines 10-12.

Claims 4-7 have been amended to change their dependencies and to make their wording more straightforward, and claim 9 has been amended to correct any indefiniteness.

A marked-up version of the rewritten claims is attached hereto.

Claims 2, 8, and 9 were rejected under 35 USC 112, second paragraph, for being indefinite. Claim 8 has been cancelled.

In particular, the Office Action states that the phrase "certain amount of image particles" in claim 2 lacks antecedent basis. The Office Action states that applicants must be able to define the "certain amount."

Claim 2 depends from claim 1 and recites that said first part comprises a certain amount of image particles. There is nothing vague or indefinite about the language "a certain amount of image particles." The features recited are supported in the specification, for example, on page 2, lines 14-26, page 5, lines 14-21, page 5, lines 23-27, and page 8, lines 4-9.

Applicants respectfully submit that "certain amount of image particles" does not refer to un-recited elements and is not unduly broad. The test for definiteness under 35 U.S.C. §112, second paragraph is whether a person skilled in the art would understand the claim language in light of the specification and drawings. Orthokinetics, Inc. v. Safety Travel Chairs, Inc., 1 USPQ2d 1081 (Fed. Cir. 1986). Definiteness of claim language must be analyzed, not in a vacuum, but in light of the content of the application disclosure (see MPEP 2173.02). Applicants further submit that there is no need to define the "certain amount" because the term is clear on its face, is adequately described in the specification, and one skilled in the art would clearly understand the term upon reading the specification.

Claim 9 has been amended to eliminate the term "lower threshold."

Claims 1-11 were rejected under 35 USC 102(b) as being anticipated by Rader (US 5,867,140).

Claim 1 is directed to an electronic device, including a display element which has a full-screen mode and a partial screen mode. The device includes changing means for changing the position of the first part of the display element on the display element at set intervals in order to avoid display burn-in.

Applicants respectfully submit that Rader at least fails to teach a changing means for changing the position of the first part of the display element at set intervals. The portion of Rader cited by the Office Action (column 8, lines 30-32) discloses that a partial display field can be placed at any region of the full display screen area. However, there is no disclosure in Rader related to changing positions at set

intervals. In addition, Rader fails to teach changing the position of the first part of the display element to avoid display burn-in. Applicants find no mention in Rader related to this feature.

Claim 11 is a method claim with similar features and, for the same reasons stated above, Rader fails to disclose or suggest those features.

At least for these reasons, Applicants respectfully submit that Rader fails to anticipate claims 1 and 11.

Claims 2-7, 9, 10, and 12 depend from claim 1 and therefore are also not anticipated by Rader.

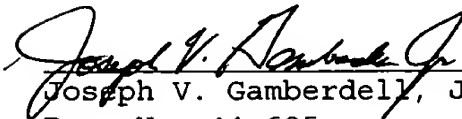
New claim 13 is directed to an electronic device including a means for changing information displayed on the first part of the display element at set intervals in order to avoid display burn-in. New claim 15 is a method claim having similar features. There is no disclosure in Rader related to changing information displayed at set intervals in order to avoid display burn-in.

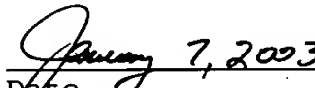
Claims 14 and 16 depend from claims 13 or 15 and therefore are also patentable.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$494.00 is enclosed for a two month extension of time and the additional claim fees. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


Joseph V. Gamberdell, Jr.
Reg. No. 44,695


Date

Perman & Green, LLP
425 Post Road
Fairfield, CT 06824
(203) 259-1800
Customer No.: 2512

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to the Commissioner of Patents, Washington, D.C. 20231.

Date: 1/7/02

Signature: 
Person Making Deposit

Marked Up Claim(s)

1. (Amended) An electronic device, which comprises a display element to display information, wherein

said display element has two modes, a full-screen mode to use the entire display element to display a first information and a partial screen mode to use a first part of the display element in which partial screen mode a second part of the display element is switched off; and the device comprises:

means for switching the device into energy conservation mode by switching the display element to said partial screen mode; ~~and~~

means for controlling the display element during energy conservation mode to display information on said first part; and

changing means for changing the position of the first part of the display element on the display element at set intervals in order to avoid display burn-in.

3. (Amended) A device according to claim 1, ~~which comprises wherein the~~ changing means for changing ~~is arranged to change the position of the first part of the display element on the display element~~ in a certain order in certain intervals.

4. (Amended) A device according to claim ~~31~~, wherein the ~~changing means for changing of which has been~~ is arranged to randomly change the position of said first part.

5. (Amended) A device according to claim 31, wherein the changing means ~~of which has been~~is arranged to change the position of said first part by scrolling the position on the display element.

6. (Amended) A device according to claim 31, wherein said first part comprises a certain amount of rows.

7. (Amended) A device according to claim 31, wherein said first part comprises a certain amount of columns.

9. (Amended) A device according to claim 1, which device comprises means for ending the energy conserving mode in response to one of the following events: user input, incoming call, an increase in the amount of displayed information ~~at least equal to a certain lower threshold~~ and a combination of these.

11. (Amended) A method for decreasing the energy consumption of an electronic device, wherein

a first part of the display element is used and a second part of the display element is switched off to conserve energy; ~~and~~

information is presented on the first part of the display element; and

the method further includes changing the position of the first part of the display element on the display element at set intervals in order to avoid display burn-in.